

# INTERNATIONAL SEARCH REPORT

International application No.  
PCT/US96/18544

## A. CLASSIFICATION OF SUBJECT MATTER

IPC(6) : Please See Extra Sheet.

US CL : 514/13, 14, 15; 530/326, 327, 328; 435/69.1, 252.3, 320.1

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 514/13, 14, 15; 530/326, 327, 328; 435/69.1, 252.3, 320.1

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

Please See Extra Sheet.

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5,464,823 A [LEHRER et al.] 07 November 1995, see entire document, particularly columns 3-20, Figures 2, 4 and 5 and claims 1-18.	1, 2, 5, 24-33 and 37
X	WO 95/03325 A [UNIVERSITY OF CALIFORNIA], see entire document, particularly claims 1-25	1-5, 22, 24-33 and 37
X	KOKRYAKOV, V.N., et al., Protegrins: leukocyte antimicrobial peptides that combine features of corticostatic defensins and tachyplesins, FEBS Letters, July 1993, Vol. 327, No. 2, pages 213-236, see entire document.	1, 2 and 5
----- Y		----- 24-26
A	WO 95/26747 A [UNIVERSITY OF CALIFORNIA] 12 October 1995, see entire document.	24-31

☒ Further documents are listed in the continuation of Box C. ☐ See patent family annex.

* Special categories of cited documents:	*T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
*A document defining the general state of the art which is not considered to be of particular relevance	*X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
*E earlier document published on or after the international filing date	*Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
*L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	*G document member of the same patent family
*O document referring to an oral disclosure, use, exhibition or other means	
*P document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search 06 MARCH 1997	Date of mailing of the international search report 21 MAR 1997
Name and mailing address of the ISA/US Commissioner of Patents and Trademarks Box PCT Washington, D.C. 20231 Facsimile No. (703) 305-3230	Authorized officer WILLIAM W. MOORE Telephone No. (703) 308-0196

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## C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	HARWIG, S. L. L., et al, Determination of Disulphide Bridges in PG-2, an Antimicrobial Peptide from Porcine Leukocytes, Journal of Peptide Science, Vol. 3, pages 207-215. See pages 208-214.	3, 4
X	ZHAO, C., et al, Identification of a new member of the protegrin family by cDNA cloning, FEBS Letters, Vol. 346, pages 285-288.	1, 2 and 5
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Y	See pages 286-288 and Figures 1 and 2 and Table 1.	24-26

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PCT/US96/18544

## A. CLASSIFICATION OF SUBJECT MATTER:

IPC (6):

A61K 38/03, 38/04, 38/16; C07K 4/00, 7/00, 14/00; C12N 15/00, 15/12, 15/63

## B. FIELDS SEARCHED

Electronic data bases consulted (Name of data base and where practicable terms used):

A-GeneSeq 25, PIR 48, and SwissProt 33 were searched with 27 peptide Sequence Identifiers of the priority document U.S. 08/649,811; EMBL-New 5, GenBank-New 5, U-EMBL 46\_94, GenBank 94, N-GeneSeq 25 and EST-STS/STS-TWO were searched with SEQ ID NO: 271 of that priority document; APS, Biosis, Chemical Abstracts and Derwent World Patent Index electronic databases were searched.